## Chemical Products for Textile



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Cromogenia Units mainly produces raw materials used by Textile Formulators to prepare their own textile specialties. Our specialties are mainly used for textile process like dyeing, fixing, softening, printing and coating. Water-Based Polyurethane dispersions, acrylic emulsions, crosslinking agents give sustainable solutions and superior performance to our customers coating needs and permit to obtain a wide range of textile finishes.

## **Product Range**

**DISPERSING AGENTS** 

DYE FIXING AGENTS

**CATIONIC SOFTENERS** 

SILICONE SOFTENERS

WATER AND OIL REPELLENTS

**RESINS BINDERS** 

**CROSSLINKING AGENTS** 

SYNTHETIC THICKENERS

POLYURETHANE DISPERSIONS

**SPECIAL PRODUCTS** 

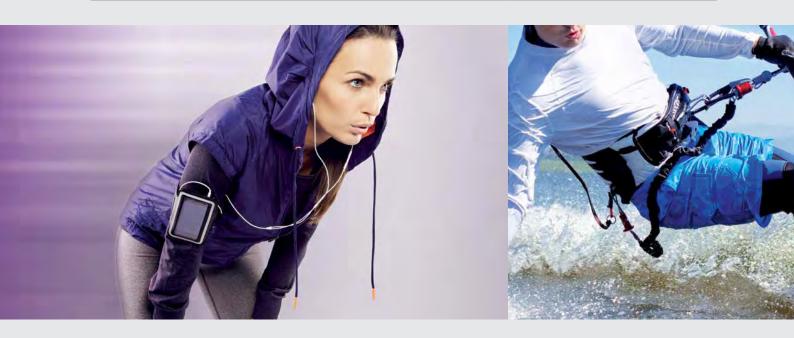
**POLYMER ADITIVES** 

HOT MELT ADHESIVES



Products	Chemical Nature	Uses
Dispersing Agents		
RETANAL HD	Sodium salt of Naphtalen-sulphonic acid condensate	Dye / pigment dispersing agent. Powder form
RETANAL HDC 100	Low sodium salt content (Naphtalen Sulphonic Ac. Condensate)	Dye / pigment dispersing agent. Powder form
RETANAL A4	Ammonium salt of Naphtalen sulphonic Ac.condensate	Dye / pigment dispersing agent. Powder form
UNICRYL D 40	Acrylic homopolymer	Sequestering - dispersing agent for scouring- bleaching process
UNICRYL DA 12	Acrylic co-polymer	Scouring /Bleaching/ Soaping. Reactive dyeings

Dye Fixing Agents		
ROQUAT ATR	Poly amine	Direct and reactive dyes fixing agent
ROQUAT MDR	Cationic polymer	Cationizer Mordant - pigment dyeing
ROQUAT G 16	Cationic polymer	Cationizer Mordant - metalized dyes
RETANAL TD 1	Sulphone condensate polymer; Anionic	Acid dyes fixing agent
RETANAL TD 3	Sulphone condensate polymer; Anionic	Nylon / coton dyeing. Acid dyes fixing agent



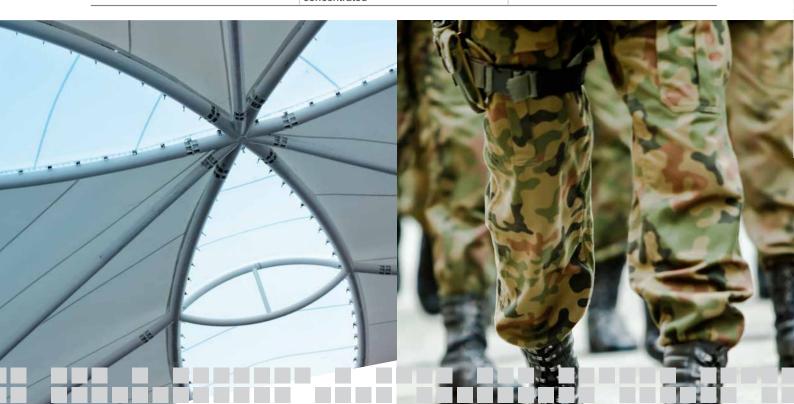
Products	Chemical Nature	Uses
Cationic Softeners		
ROQUAT TO 90 E	Fatty acid esterquat (liquid 90%) dispersable at low temp.	Hydrophilic cationic. Cotton softener
ROQUAT TO 90 E PPG	Fatty acid esterquat (liquid 90%) dispersable at low temp. IPA free	Hydrophylic cationic. Cotton softener
ROQUAT TPD	Fatty acid esterquat (paste) dispersable at low temp.	Hydrophylic cationic. Garment softener
Silicone Softeners		
U-SILICON PY MDC	Micro-emulsion of dimethyl-polysiloxane	Non ionic for extremely softening process
U-SILICON PY HFL	Hydrophilic micro-emulsion of dimethyl- polysiloxane	Non ionic hydrophilic softening process
U-SILICON PY UM	Micro-emulsion of dimethyl-polysiloxane	Non ionic; elastomeric extremely soft touch

## Products Chemical Nature Uses Water and Oil Repellents ROFOB PY NIN Non ionic fluorocarbon resin emulsion (C6) Stain repellent and water proof finishing for all kind of fibers Weakly cationic modified fluorocarbon resin emulsion. (C6) High performance stain repellent and water-proof finishing

Resin binders		
UNICRYL X 61	Acrylic co-polymer (55%) self-croslinking	Textile printing; printing lacquers formulations
UNICRYL T 11	Acrylic co-polymer (45%) Formaldehyde free	Textile printing and finishing
UNICRYL T 930	Acrylic co-polymer (30%) Formaldehyde free	Textile printing and finishing
UNICRYL T 12	Acrylic co-polymer (45%) Formaldehyde free	Textile printing and finishing
UNICRYL T 1230	Acrylic co-polymer (30%) Formaldehyde free	Textile printing and finishing
UNICRYL T 02	Acrylic co-polymer (45%) self-crosslinking	Textile printing and finishing
UNICRYL C 105	Acrylic co-polymer Formaldehyde free	Textile printing and finishing

Crosslinking agents			
REGEL TH 30	Blocked Isocyanate MEKO free	Crosslinking agent	
REGEL TH 80	Blocked Isocyanate MEKO free NON IONIC	Crosslinking agent	
REGEL TH 35	Blocked Isocyanate	Crosslinking agent	
REGEL TH 20	Un-blocked isocyanate	Crosslinking agent	
RETANAL PYM 5001	Melamine	Crosslinking agent	
RETANAL PYM 3001	Melamine	Crosslinking agent low viscosity	

Synthetic thickeners		
UNIPRINT 16	Acrylic co-polymer	Textile printing thickener
UNIPRINT 20	Neutralized Acrylic co-polymer	Textile printing thickener
UNIPRINT 30S	Acrylic co-polymer	Textile printing thickener reactive dyes
UNIPRINT 30D	Acrylic co-polymer	Textile printing thickener disperse dyes
UNICRYL TH 6	Alcaly swellable acrylic polymer	Textile printing thickener
UNICRYL TH 60	Alcaly swellable acrylic polymer. Higly concentrated	Textile printing thickener



Products	Chemical Nature	Uses
<b>Polyurethane Dispersions</b>		
CROMELASTIC NI 77	Polyurethane aqueous dispersion (polyether NON - ionic, soft)	Padding finishing
CROMELASTIC SE 80	Polyurethane aqueous dispersion (Polyether, soft touch)	Coating, finishing, screen printing
CROMELASTIC SE 80 SP	Polyurethane aqueous dispersion (Polyether, anionic, solventless)	Coating, finishing, screen printing
CROMELASTIC 0249	Polyurethane aqueous dispersion (Poliyester, hard touch)	Coating, finishing
CROMELASTIC 0249 PRG	Polyurethane aqueous dispersion (Poliyester, hard touch) NMP and NEP free	Coating, finishing
CROMELASTIC C 4480	Polyurethane aqueous dispersion (Poliether, cationic, soft)	Padding / Exhausting process. Pigment dyeing
CROMELASTIC 6600	Polyurethane aqueous dispersion (Polyester, anionic, medium soft)	Coating, finishing
CROMELASTIC 6600 SP	Polyurethane aqueous dispersion (Polyester, medium soft, solventless)	Coating, finishing
CROMELASTIC NVF	Polyurethane aqueous dispersion (poliester, anionic, high performance)	Coating, finishing
CROMELASTIC SU 3060	Polyurethane aqueous dispersion softener. Anionic	Softening. Anti-pilling effect
CROMELASTIC PC 250	Polyurethane aqueous dispersion (polycarbonate, anionic)	High performance, coating, medium touch
CROMELASTIC PC 250 PRG	Polyurethane aqueous dispersion (polycarbonate, anionic)	High performance, coating
CROMELASTIC PC 550	Polyurethane aqueous dispersion (polycarbonate, anionic, hard touch)	High performance (hard touch)
CROMELASTIC PC 550 PRG	Polyurethane aqueous dispersion (polycarbonate, anionic, hard touch)	High performance (hard touch)
CROMELASTIC 046 SP	Polyurethane aqueous dispersion. Polyether, Anionic, very elastic, solventless	High performance. Elastic printing formulas
CROMELASTIC 1200 M	Polyurethane aqueous dispersion (matt effect). NMP and NEP free	Coating, printing, special matt effects
CROMELASTIC 9676 SP	Polyurethane aqueosus dispersion. Aliphatic, solventless used as film plastiziser	Coatings. Adjustment of film softness
FORZAL D SERIES	Thermo reactive PU dispersions	Adhesives. Laminating



FORZAL HM



Products	Chemical Nature	Uses
Special Products		
ROPOL DSSM 70 NE	Dioctyl sodium - sulphosuccinate	Quick wetting agent
Polymer Aditives		
Polymer Aditives ESPESILOR 255	Polyurethane solution	PU Thickenning agent
	Polyurethane solution	PU Thickenning agent

Reactive Polyurethane, hot melt adhesive | Adhesive for lamination ; breathable

